Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 15 Dec 2020 until 23:59 on Wednesday 16 Dec 2020

Forecast Issued on Tuesday 15 Dec 2020 at 03:29

Confidence: High for the unsettled, windy weather continuing through the coming week but lower for details regarding cloud and timing of the various rain bands.

Headline for Tuesday 15 Dec 2020: Rather cloudy with showers, these dying out later. Strong south to southwest winds.

Mountain weather hazards on Tuesday 15 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Sunny intervals	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	60%	40%	60%	20%	<05%

Forecast for Tuesday 15 Dec 2020

Weather: A rather cloudy start with some showery rain. Brightening up by afternoon but still with scattered showers, but mostly dry by evening with some clear spells developing.

Chance of cloud free mountain/hill tops above 600m: Around 40% in the south and west with occasional or periods of cloud above 600m and patches below but nearer 75% in the north with cloud more occasional.

Visibility: Good falling to several kilometres in rain and showers.

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Mountain Weather Forecast

Forecast for Tuesday 15 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 S	20/27 S	19/26 S	19/27 S	19/28 SW	16/24 S	16/24 S
300	12/26 S	12/25 S	12/25 S	10/23 S	9/22 S	7/16 S	9/20 S
Valley	8/21 S	10/23 S	9/22 S	10/22 S	8/22 S	6/19 S	8/20 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-2	3/-2	4/-2	3/-2	3/-2	3/-2
300	5/1	5/1	6/2	6/3	5/2	4/2	4/1
Valley	6/4	6/4	7/5	7/5	6/4	5/3	5/3
Freezing Level*	1200m	1100m	1100m	1200m	1100m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 40mph over ridges and summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 15 Dec 2020	8mm	27.6mm	29.2mm

Forecast for Wednesday 16 Dec 2020

Weather: Dry with clear spells at first but increasing cloud brings occasionally heavy rain northeast shortly after dawn. A cloudy morning follows with outbreaks of further occasionally heavy rain, the rain becoming lighter and more patchy in the afternoon before clearing to occasional showers in the evening. Widespread gales across the summits during the morning.

Maximum wind: Southeasterly 40 gust 50-55mph, decreasing southerly 30 gust 40mph by evening.

Chance of cloud free mountain/hill tops above 600m: Little chance through the morning with periods or persistent cloud above 600m and patches below, improving to 75% for a time though the afternoon as cloud becomes occasional above 600m.

Visibility: Good or very good falling to just a few kilometres in heavy rain

Temperature: **Valleys:** Around plus 5 Celsius overnight rising to plus 8 Celsius by day
At 600m: Around plus 4 Celsius.
Freezing level: Above the summits.

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